ATTACHMENT A
Questions regarding the Relationship Between Land Use and Energy in California
2006 Integrated Energy Policy Report Update

1. How will California's near term (5-10 years) and long term (2050) population growth affect energy supply, demand and land use?

2. In what ways do California's land use and transportation planning systems address energy supply and demand? How do these processes consider energy efficiency, distributed and renewable generation, energy infrastructure, and transportation fuels issues?

3. Does today's general plan process adequately address California's energy issues both now and into the future? What aspects of energy are not currently addressed or considered in land-use planning and smart growth initiatives and projects? What examples of effective energy management policy and programs have been implemented through the general plan process? What improvements can be defined?

4. How do regional air quality management plans and regional transportation plans affect long term energy supply and demand? What examples of effective energy policy and programs have been implemented through these plans? What improvements can be defined?

5. How much can we expect smart growth options to contribute to energy supply management and assist in integrating demand response and renewable and distributed energy generation in communities? What are the best ideas and examples for realizing the benefits throughout the state?

6. How will climate change and its associated impacts affect land use and transportation planning in California? How can local climate change initiatives reduce climate change emissions and help achieve California's energy policy goals?

7. What motivates the public to buy energy-efficient homes and businesses and to live in denser, more urban space? What incentives would increase the public's willingness?

8. How are California utilities affected by land use decisions? How do utility decisions affect land use? Could IOUs help fund smart growth/energy projects as part of their efficiency mandates? If so, what might projects look like?

9. Could line extension policies be modified to encourage smart growth development, an example being Public Service Enterprise Group's line extension policy modification approved in 2005 to encourage smart growth in New Jersey?

10. What new or expanded analytical capacity, tools and research are needed to more effectively address energy issues in California's future land-use planning decisions?

11. Using the "Sustainable Urban Energy Planning: A Roadmap for Research and Funding"(http://www.energy.ca.gov/pier/final_project_reports/CEC-500-2005-102.html) as a starting point, what are the highest priorities for action? Are there additional areas of research?

12. How can smart growth principles be used to help implement California's energy policies, goals, and initiatives?

13. What can the state energy agencies and utilities do to assist local agencies and vice-versa?

14. Should the state develop and adopt energy planning requirements that must be used for local development? Should the state institute a program, like the state of Maryland's, that disallows any state incentive programs funding "dumb growth" projects and instead focuses state funding towards smart growth (see http://www.priorityplaces.com/)?

15. Should local development have to prove availability of energy supplies similar to what developers must show for water supplies?